

Datasheet for ABIN2782530
anti-UCK2 antibody (N-Term)



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1 Image

Overview

Quantity:	100 µL
Target:	UCK2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This UCK2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human UCK2
Sequence:	AGDSEQTLQN HQQPNGGEPF LIGVSGGTAS GKSSVCAKIV QLLGQNEVDY
Predicted Reactivity:	Cow: 100%, Guinea Pig: 100%, Human: 100%, Mouse: 100%, Rat: 100%
Characteristics:	This is a rabbit polyclonal antibody against UCK2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	UCK2
Alternative Name:	UCK2 (UCK2 Products)

Target Details

Background:	<p>UCK2 catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. In addition, an allele of this gene may play a role in mediating nonhumoral immunity to Hemophilus influenzae type B. The protein encoded by this gene catalyzes the phosphorylation of uridine monophosphate to uridine diphosphate. This is the first step in the production of the pyrimidine nucleoside triphosphates required for RNA and DNA synthesis. In addition, an allele of this gene may play a role in mediating nonhumoral immunity to Hemophilus influenzae type B. Publication Note: This RefSeq record includes a subset of the publications that are available for this gene. Please see the Entrez Gene record to access additional publications.</p> <p>Alias Symbols: TSA903, UK, UMPK</p> <p>Protein Interaction Partner: UBC, SUMO2, EGFR, FBXO6, UPP1, UCK2,</p> <p>Protein Size: 261</p>
Molecular Weight:	29 kDa
Gene ID:	7371
NCBI Accession:	NM_012474 , NP_036606
UniProt:	Q9BZX2
Pathways:	Ribonucleoside Biosynthetic Process , Feeding Behaviour

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 261 AA
Restrictions:	For Research Use only

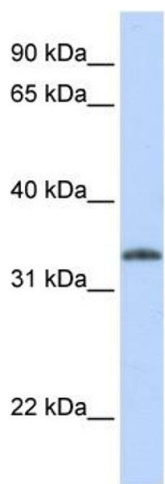
Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

	should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

Image 1. WB Suggested Anti-UCK2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: Jurkat cell lysate UCK2 is supported by BioGPS gene expression data to be expressed in Jurkat